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Rehfeldt, D., Erdmann-Jesnitzer, F. and Gupta, P. C. — Influence of Current Pulses During Submerged Arc Welding, 377-s to 380-s, (Nov).
Renwick, B. G. and Patchett, B. M. — Operating Characteristics of the Submerged Arc Process, 69-s to 76-s, (Mar).
Rogers, H. C. and Swift, R. A. — Study of Creep Embrittlement of 2-1/4Cr-1Mo Steel Weld Metal, 188-s to 198-s, (July).
Ryba, E. R. and Seretsky, J. — Laser Welding of Dissimilar Metals: Titanium to Nickel, 208-s to 211-s, (July).

Sadowski, E. P. — Welding a Cast Silicon Hardened Stainless Maraging Steel, 174-s to 179-s, (June).
Sanders, J., Funk, E. R., McMaster, R. C., Tews, P. and Pence, P. — Electron Beam Welding Spike Suppression Using Feedback Control, 52-s to 55-s, (Feb).

Savage, W. F., Nippes, E. F. and Erickson, J. S. — Solidification Mechanisms in Fusion Welds, 213-s to 221-s, (Aug).
Savage, W. F., Nippes, E. F. and Homma, H. — Hydrogen Induced Cracking in HY-80 Steel Weldments, 368-s to 376-s, (Nov).
Savage, W. F., Nippes, E. F. and Miller, T. W. — Microsegregation in Partially Heated Regions of 70Cu-30Ni Weldments, 181-s to 187-s, (July).
Savage, W. F., Nippes, E. F. and Miller, T. W. — Microsegregation in 70Cu-30Ni Weld Metal, 165-s to 173-s, (June).
Savage, W. F., Nippes, E. F. and Sawhill Jr., J. M. — Hydrogen Induced Cracking During Implant Testing of Alloy Steels, 400-s to 407-s, (Dec).
Savage, W. F., Nippes, E. F. and Szekeres, E. S. — Hydrogen Induced Cold Cracking in a Low Alloy Steel, 276-s to 283-s, (Sept).
Savage, W. F., Nippes, E. F., and Szekeres, E. S. — A Study of Weld Interface Phenomena in a Low Alloy Steel, 260-s to 268-s, (Sept).
Sawhill Jr., J. M. and Bond, A. P. — Ductility and Toughness of Stainless Steel Welds, 33-s to 41-s, (Feb).
Sawhill Jr., J. M., Savage, W. F. and Nippes, E. F. — Hydrogen Induced Cracking During Implant Testing of Alloy Steels, 400-s to 407-s, (Dec).
Schillinger, D. E. and Addison Jr., H. J. — Effect of Fluxes on Steel Joints Brazed with Silver Base Filler Metal, 302-s to 308-s, (Oct).
Sheward, G. E. and Bell, G. R. — Development and Evaluation of a Ni-Cr-P Brazing Filler Metal, 285-s to 292-s, (Oct).
Spond, D. F. and Lundin, C. D. — The Nature and Morphology of Fissures in Austenitic Stainless Steel Weld Metals, 356-s to 367-s, (Nov).
Stelzer, J. F. — Calculation of Thermoelastic Deformations and Stresses in Two-Component Structures, 249-s to 252-s, (Aug).
Stout, R. D. and Ganesh, S. — Material Variables Affecting Lamellar Tearing Susceptibility in Steels, 341-s to 355-s, (Nov).
Szekeres, E. S., Savage, W. F. and Nippes, E. F. — Hydrogen Induced Cold Cracking in a Low Alloy Steel, 276-s to 283-s, (Sept).
Szekeres, E. S., Savage, W. F. and Nippes, E. F. — A Study of Weld Interface Phenomena in a Low Alloy Steel, 260-s to 268-s, (Sept).
Seretsky, J. and Ryba, E. R. — Laser Welding of Dissimilar Metals: Titanium to Nickel, 208-s to 211-s, (July).
Spond, D. F. and DeLong, W. T. — The Fissure Bend Test, 145-s to 151-s, (June).
Stout, R. D., des Ramos, J. B. and Pense, A. W. — Fracture Toughness of Electroslag Welded A537G Steel, 1-s to 4-s, (Jan).
Stout, R. D. Vasudevan, R. and Pense, A. W. — A Field Weldability Test for Pipeline Steels, 89-s to 94-s, (Apr).
Swift, R. A. and Rogers, H. C. — Study of Creep Embrittlement of 2-1/4Cr-1Mo Steel Weld Metal, 188-s to 198-s, (July).

Takemoto, Y., Morigaki, T. and Matsumoto, T. — Some Improvements in Self-Shielded Flux Cored Electrodes for Arc Welding, 241-s to 248-s, (Aug).
Tews, P. A. and Kotecki, D. J. — Arc Blow Simulator, 108-s to 112-s, (Apr).
Tews, P., Pence, P., Sanders, J., Funk, E. R. and McMaster, R. C. — Electron Beam Welding Spike Suppression Using Feedback Control, 52-s to 55-s, (Feb).
Thwaites, C. J. and Hampshire, W. B. — Mechanical Strength of Selected Soldered Joints and Bulk Solder Alloys, 323-s to 329-s, (Oct).

Vasudevan, R., Pense, A. W. and Stout, R. D. — A Field Weldability Test for Pipeline Steels, 89-s to 94-s, (Apr).

Weiss, S., Baker, G. S. and Das Gupta, R. D. — Vibrational Residual Stress Relief in a Plain Carbon Steel Weldment, 47-s to 51-s, (Feb).
Wells, R. R. — Microstructural Control of Thin-Film Diffusion-Brazed Titanium, 20-s to 27-s, (Jan).
Widgery, D. J. — Deoxidation Practice for Mild Steel Weld Metal, 57-s to 68-s, (Mar).

Zachary, L. W. and Burger, C. P. — Stress Concentrations in Double Welded Partial Joint Penetration Butt Welds, 77-s to 82-s, (Mar).